

L Number	Hits	Search Text	DB	Time stamp
6	21	((US-6026166-\$ or US-6327578-\$ or US-6337911-\$ or US-6343284-\$ or US-6285991-\$ or US-5809144-\$ or US-6205437-\$ or US-6324525-\$).did. or (US-20040098352-\$ or US-20020188574-\$ or US-20020120584-\$ or US-20010039535-\$ or US-20030004894-\$).did. or (EP-883866-\$).did.) and (code or software or program)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/02 13:46
7	7	((US-6026166-\$ or US-6327578-\$ or US-6337911-\$ or US-6343284-\$ or US-6285991-\$ or US-5809144-\$ or US-6205437-\$ or US-6324525-\$).did. or (US-20040098352-\$ or US-20020188574-\$ or US-20020120584-\$ or US-20010039535-\$ or US-20030004894-\$).did. or (EP-883866-\$).did.) and list	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/02 13:49
8	1813	list near4 (bank or "clearing house" or acquier or clearinghouse or "third party" or intermediary or "go between" gateway or "financial instituion")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/02 13:51
9	85	(list near4 (bank or "clearing house" or acquier or clearinghouse or "third party" or intermediary or "go between" gateway or "financial instituion")) and 705/64-79.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/02 13:51
-	2	2000148854.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 10:02
-	2	10326310.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 10:04
-	10	6047268.pn. or 6026166.pn. or 5267314.pn. or 5163098.pn. or 4630201.pn. or 199830985.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 12:47
-	2	9830985.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 10:42
-	7	6026166.URPN.	USPAT	2004/06/29 10:43
-	1631	705/64-79.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 10:59

-	656	(card adj number) same (payment near (data or information))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 11:01
-	1	((card adj number) same (payment near (data or information))) same (hash adj value)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 11:00
-	13	(card adj number) same (hash adj value)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 11:04
-	80	705/64-79.ccls. and (((card or account) near number) same (hash\$ or MAC or (authentication near (number or code))))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 11:26
-	373	((card or account) near number) same (hash\$ or MAC or (authentication near (number or code)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 15:00
-	146634	(verify\$ or verification or certify or certification or validat\$ or check\$ or determin\$ or compar\$) near20 (valid or correct)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 14:48
-	146	(((card or account) near number) same (hash\$ or MAC or (authentication near (number or code)))) and ((verify\$ or verification or certify or certification or validat\$ or check\$ or determin\$ or compar\$) near20 (valid or correct))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 14:46
-	178	(verify\$ or verification or certify or certification or validat\$ or check\$ or determin\$ or compar\$) same (((card or account) near number) same (hash\$ or MAC or (authentication near (number or code))))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 14:49
-	4	(US-6026166-\$.did. or (US-20020120584-\$ or US-20040098352-\$ or US-20020188574-\$.did.	USPAT; US-PGPUB	2004/06/29 14:55
-	1	((US-6026166-\$.did. or (US-20020120584-\$ or US-20040098352-\$ or US-20020188574-\$.did.) and (abbreviat\$ or short\$ or condens\$ or compress\$ or truncat\$ or compact\$ or constrict\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 15:00
-	4	((US-6026166-\$.did. or (US-20020120584-\$ or US-20040098352-\$ or US-20020188574-\$.did.) and (hash\$ or MAC or (authentication near (number or code))))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 15:03
-	4	(US-6026166-\$.did. or (US-20040098352-\$ or US-20020188574-\$ or US-20020120584-\$.did.	USPAT; US-PGPUB	2004/06/30 15:24

-	3	((US-6026166-\$).did. or (US-20040098352-\$ or US-20020188574-\$ or US-20020120584-\$).did.) and database	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 15:20
-	2	((US-6026166-\$).did. or (US-20040098352-\$ or US-20020188574-\$ or US-20020120584-\$).did.) and hash\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 15:21
-	1	((US-6026166-\$).did. or (US-20040098352-\$ or US-20020188574-\$ or US-20020120584-\$).did.) and ("message authentication code" or MAC or "message digest" or HMAC or "transaction authentication code" or checksum or "integrity check-values" "modification detection codes" or "message integrity codes")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 15:26
-	319	(fingerprint or biometric) same ("message authentication code" or MAC or "message digest" or HMAC or "transaction authentication code" or checksum or "integrity check-values" "modification detection codes" or "message integrity codes")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 15:47
-	1253	("authentication code") same ("message authentication code" or MAC or digest or HMAC or "transaction authentication code" or checksum or "integrity check-values" "modification detection codes" or "message integrity codes")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 15:48
-	1236	("authentication code") near5 ("message authentication code" or MAC or digest or HMAC or "transaction authentication code" or checksum or "integrity check-values" "modification detection codes" or "message integrity codes")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 15:50
-	96	((("authentication code") near5 ("message authentication code" or MAC or digest or HMAC or "transaction authentication code" or checksum or "integrity check-values" "modification detection codes" or "message integrity codes")) and 705/64-79.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 15:50

-	988	("authentication code") near5 (MAC or digest or HMAC or "transaction authentication code" or checksum or "integrity check-values" "modification detection codes" or "message integrity codes")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 16:07
-	81	((("authentication code") near5 (MAC or digest or HMAC or "transaction authentication code" or checksum or "integrity check-values" "modification detection codes" or "message integrity codes")) and 705/64-79.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 15:57
-	204	("authentication code") near5 (digest or HMAC or "transaction authentication code" or checksum or "integrity check-values" "modification detection codes" or "message integrity codes")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 15:57
-	22	((("authentication code") near5 (digest or HMAC or "transaction authentication code" or checksum or "integrity check-values" "modification detection codes" or "message integrity codes")) and 705/64-79.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 16:00
-	81	((("authentication code") near5 (MAC or digest or HMAC or "transaction authentication code" or checksum or "integrity check-values" "modification detection codes" or "message integrity codes")) and 705/64-79.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 16:27
-	106	contract same hash\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 16:49
-	36	(contract same hash\$) and 705/\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 16:50
-	2	6061792.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 16:54
-	5	(US-6026166-\$).did. or (US-20040098352-\$ or US-20020188574-\$ or US-20020120584-\$ or US-20010039535-\$).did.	USPAT; US-PGPUB	2004/06/30 16:54
-	2	((US-6026166-\$).did. or (US-20040098352-\$ or US-20020188574-\$ or US-20020120584-\$ or US-20010039535-\$).did.) and bill\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/30 16:55

-	1024	705/64-79,50.ccls. and (bill\$ or charg\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 09:25
-	64041	(determin\$ or verify\$ or verification or certification or certify or confirm\$ or check\$ or authoriz\$) near4 (payment or fee or request)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 09:23
-	642	(705/64-79,50.ccls. and (bill\$ or charg\$)) and ((determin\$ or verify\$ or verification or certification or certify or confirm\$ or check\$ or authoriz\$) near4 (payment or fee or request))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 09:03
-	185	Linehan.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 09:03
-	5	Linehan.in. and protocol.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 09:03
-	7	6026166.URPN.	USPAT	2004/07/01 09:17
-	0	20040098352.URPN.	USPAT	2004/07/01 09:20
-	0	20020188574.URPN.	USPAT	2004/07/01 09:20
-	0	20020120584.URPN.	USPAT	2004/07/01 09:20
-	0	20010039535.URPN.	USPAT	2004/07/01 09:20
-	4	6327578.URPN.	USPAT	2004/07/01 09:20
-	5152	((determin\$ or verify\$ or verification or certification or certify or confirm\$ or check\$ or authoriz\$) near4 (payment or fee or request)) same (bill\$ or charg\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 09:24
-	253	705/64-79,50.ccls. and (((determin\$ or verify\$ or verification or certification or certify or confirm\$ or check\$ or authoriz\$) near4 (payment or fee or request)) same (bill\$ or charg\$))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 12:02
-	2	6343284.URPN.	USPAT	2004/07/01 09:50
-	25	("4517412" "4684791" "5371797" "5502765" "5539825" "5590199" "5704046" "5770844" "5809143" "5809144" "5883810" "5892211" "5903652" "5903878" "5915226" "5952639" "5963917" "6006205" "6009156" "6012049" "6012637" "6021189" "6055314" "6072870" "6189787").PN.	USPAT	2004/07/01 09:51

-	58243	(abbreviat\$ or short\$ or condens\$ or truncat\$ or compress\$ or compact\$) near4 (bill\$ or fee or charg\$ or payment)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 12:09
-	42	705/64-79,50.ccls. and ((abbreviat\$ or short\$ or condens\$ or truncat\$ or compress\$ or compact\$) near4 (bill\$ or fee or charg\$ or payment))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 12:02
-	23	((abbreviat\$ or shorten or condens\$ or truncat\$ or compress\$ or compact\$) near4 (bill\$ or fee or charg\$ or payment)) and 705/64-79,50.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 12:48
-	90	((abbreviat\$ or shorten or condens\$ or truncat\$ or compress\$ or compact\$) same (bill\$ or fee or charg\$ or payment)) and 705/64-79,50.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 12:12
-	67	((abbreviat\$ or shorten or condens\$ or truncat\$ or compress\$ or compact\$) same (bill\$ or fee or charg\$ or payment)) and 705/64-79,50.ccls.) not (((abbreviat\$ or shorten or condens\$ or truncat\$ or compress\$ or compact\$) near4 (bill\$ or fee or charg\$ or payment)) and 705/64-79,50.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 12:12
-	59	((abbreviat\$ or shorten or condens\$ or truncat\$ or compress\$ or compact\$) near4 (request or message))) and 705/64-79,50.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 12:48
-	36	((MAC or digest or HMAC or "transaction authentication code" or checksum or "integrity check-values" "modification detection codes" or "message integrity codes") near4 (bill\$ or fee or charg\$ or payment)) and 705/64-79,50.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 16:36
-	3	932298.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 13:33
-	5	856819.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 13:33
-	3	983577.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 13:34
-	3	9852167.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 13:39

-	4	883866.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 13:39
-	13	(US-6026166-\$ or US-6327578-\$ or US-6343284-\$ or US-5809144-\$ or US-6337911-\$ or US-6285991-\$ or US-6205437-\$).did. or (US-20040098352-\$ or US-20020188574-\$ or US-20020120584-\$ or US-20010039535-\$ or US-20030004894-\$).did. or (EP-883866-\$).did.	USPAT; US-PGPUB; DERWENT	2004/07/01 14:02
-	8	((US-6026166-\$ or US-6327578-\$ or US-6343284-\$ or US-5809144-\$ or US-6337911-\$ or US-6285991-\$ or US-6205437-\$).did. or (US-20040098352-\$ or US-20020188574-\$ or US-20020120584-\$ or US-20010039535-\$ or US-20030004894-\$).did. or (EP-883866-\$).did.) and database	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 14:02
-	254	((MAC or digest or HMAC or "transaction authentication code" or checksum or "integrity check-values" "modification detection codes" or "message integrity codes") near4 (bill\$ or fee or charg\$ or payment))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 16:37
-	14	(US-6026166-\$ or US-6327578-\$ or US-6343284-\$ or US-5809144-\$ or US-6337911-\$ or US-6285991-\$ or US-6205437-\$ or US-6324525-\$).did. or (US-20040098352-\$ or US-20020188574-\$ or US-20020120584-\$ or US-20010039535-\$ or US-20030004894-\$).did. or (EP-883866-\$).did.	USPAT; US-PGPUB; DERWENT	2004/07/01 17:17
-	9	((US-6026166-\$ or US-6327578-\$ or US-6343284-\$ or US-5809144-\$ or US-6337911-\$ or US-6285991-\$ or US-6205437-\$ or US-6324525-\$).did. or (US-20040098352-\$ or US-20020188574-\$ or US-20020120584-\$ or US-20010039535-\$ or US-20030004894-\$).did. or (EP-883866-\$).did.) and database	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 17:17
-	0	((US-6026166-\$ or US-6327578-\$ or US-6343284-\$ or US-5809144-\$ or US-6337911-\$ or US-6285991-\$ or US-6205437-\$ or US-6324525-\$).did. or (US-20040098352-\$ or US-20020188574-\$ or US-20020120584-\$ or US-20010039535-\$ or US-20030004894-\$).did. or (EP-883866-\$).did.) and ("payment gateway" same database)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/01 17:22

-	14	(US-6026166-\$ or US-6327578-\$ or US-6337911-\$ or US-6343284-\$ or US-6285991-\$ or US-5809144-\$ or US-6205437-\$ or US-6324525-\$).did. or (US-20040098352-\$ or US-20020188574-\$ or US-20020120584-\$ or US-20010039535-\$ or US-20030004894-\$).did. or (EP-883866-\$).did.	USPAT; US-PGPUB; DERWENT	2004/07/02 11:14
-	9	((US-6026166-\$ or US-6327578-\$ or US-6337911-\$ or US-6343284-\$ or US-6285991-\$ or US-5809144-\$ or US-6205437-\$ or US-6324525-\$).did. or (US-20040098352-\$ or US-20020188574-\$ or US-20020120584-\$ or US-20010039535-\$ or US-20030004894-\$).did. or (EP-883866-\$).did.) and database	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/02 12:53

SYSTEM:OS - DIALOG OneSearch

File 15:ABI/Inform(R) 1971-2004/Jun 27
(c) 2004 ProQuest Info&Learning

*File 15: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.

File 9:Business & Industry(R) Jul/1994-2004/Jun 30
(c) 2004 The Gale Group

File 610:Business Wire 1999-2004/Jul 01
(c) 2004 Business Wire.

*File 610: File 610 now contains data from 3/99 forward.
Archive data (1986-2/99) is available in File 810.

File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire

File 275:Gale Group Computer DB(TM) 1983-2004/Jul 01
(c) 2004 The Gale Group

File 476:Financial Times Fulltext 1982-2004/Jun 25
(c) 2004 Financial Times Ltd

File 624:McGraw-Hill Publications 1985-2004/Jun 24
(c) 2004 McGraw-Hill Co. Inc

*File 624: Homeland Security & Defense and 9 Platt energy journals added
Please see HELP NEWS624 for more

File 636:Gale Group Newsletter DB(TM) 1987-2004/Jun 28
(c) 2004 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2004/Jun 30
(c) 2004 The Gale Group

File 613:PR Newswire 1999-2004/Jul 01
(c) 2004 PR Newswire Association Inc

*File 613: File 613 now contains data from 5/99 forward.
Archive data (1987-4/99) is available in File 813.

File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

File 16:Gale Group PROMT(R) 1990-2004/Jul 01
(c) 2004 The Gale Group

*File 16: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.

File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 634:San Jose Mercury Jun 1985-2004/Jun 30
(c) 2004 San Jose Mercury News

File 148:Gale Group Trade & Industry DB 1976-2004/Jun 30
(c) 2004 The Gale Group

*File 148: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.

File 20:Dialog Global Reporter 1997-2004/Jul 01
(c) 2004 The Dialog Corp.

File 35:Dissertation Abs Online 1861-2004/May
(c) 2004 ProQuest Info&Learning

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group

*File 583: This file is no longer updating as of 12-13-2002.

File 65:Inside Conferences 1993-2004/Jun W4
(c) 2004 BLDSC all rts. reserv.

File 2:INSPEC 1969-2004/Jun W3
(c) 2004 Institution of Electrical Engineers

*File 2: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
(c) 2003 EBSCO Pub.

File 474:New York Times Abs 1969-2004/Jun 30
(c) 2004 The New York Times

File 475:Wall Street Journal Abs 1973-2004/Jun 30
(c) 2004 The New York Times

File 99:Wilson Appl. Sci & Tech Abs 1983-2004/May

(c) 2004 The HW Wilson Co.
File 256:SoftBase:Reviews,Companies&Prods. 82-2004/May
(c)2004 Info.Sources Inc
File 348:EUROPEAN PATENTS 1978-2004/Jun W03
(c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20040624,UT=20040617
(c) 2004 WIPO/Univentio
File 347:JAPIO Nov 1976-2004/Feb(Updated 040607)
(c) 2004 JPO & JAPIO
*File 347: JAPIO data problems with year 2000 records are now fixed.
Alerts have been run. See HELP NEWS 347 for details.

Set	Items	Description
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Set	Items	Description
S1	1083983	(MAC OR DIGEST OR HMAC OR (AUTHENTICATION(W)CODE) OR CHECK-SUM OR HASH? OR (INTEGRITY(W)CHECK(W)VALUES) OR (MODIFICATION-(W)DETECTION(W)CODES) OR (MESSAGE(W) INTEGRITY(W)CODES))
S2	38409	S1 (N4) (BILL? OR FEE OR CHARG? OR PAYMENT OR ORDER)
S3	8662	S2 AND PD<20001012
S4	306936	(VERIFY? OR VERIFICATION OR CERTIFY? OR CERTIFICATION OR V-ALIDAT? OR CONFIRM? OR CHECK? OR DETERMIN?) (N4) (REQUEST OR - PAYMENT OR ORDER OR MESESAGE)
S5	341	S4 (S) S2
S6	140	S5 AND PD<20001012
S7	136	RD (unique items)